

Mathematics Behind Fuzzy Logic. By Esko Turunen. Physica-Verlag, Heidelberg. (1999). 191 pages. \$44, DM 78, öS 570, sFr 71, GBP 30.

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Preface. 1. Residuated lattices. 2. MV-algebras. 3. Fuzzy propositional logic. 4. Fuzzy relations. 5. Solutions to exercises. Bibliography. Index.

Advanced Database Indexing. By Yannis Manolopoulos, Yannis Theodoridis and Vassilis J. Tsotras. Kluwer Academic, Boston. (2000). 286 pages. \$132, NLG 310, GBP 91.25.

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Theory of Language. By Steven E. Weisler and Slavko Milekic. The MIT Press, Cambridge, MA. (2000). 344 pages. \$35 (CD-ROM \$35).

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List of authors. Preface. Note to the teacher. 1. Introduction. 2. Sounds. 3. Words. 4. Sentences. 5. Meaning. 6. Brain and language. Glossary. Bibliography. Index.

Toward a Science of Consciousness III: The Third Tucson Discussions and Debates. Edited by Stuart R. Hameroff, Alfred W. Kaszniak and David J. Chalmers. The MIT Press, Cambridge, MA. (1999). 504 pages. \$55.

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